

## SUPERATMOSPHERIC REACTION

**Publication number:** EP0770096

**Publication date:** 1997-05-02

**Inventor:** CLOUGH ROBERT S (US); ELSBERND CHERYL L  
SENGER (US); GOZUM JOHN E (US)

**Applicant:** MINNESOTA MINING & MFG (US)

**Classification:**

- **international:** C08F2/00; C08F2/04; C08F2/06; C08F2/08;  
C08F291/00; C08G61/08; C08F2/00; C08F2/04;  
C08F291/00; C08G61/00; (IPC1-7): C08F2/08;  
C08F290/00; C08F291/00; C08G61/08

- **european:** C08F2/04; C08F2/08; C08F291/00; C08G61/08

**Application number:** EP19950926206 19950707

**Priority number(s):** WO1995US08559 19950707; US19940272779  
19940708

**Also published as:**

- WO9601851 (A1)
- WO9601850 (A1)
- EP0770095 (A1)
- EP0770096 (A0)
- EP0770095 (A0)

[more >>](#)

[Report a data error here](#)

Abstract not available for EP0770096

Abstract of corresponding document: **WO9601850**

A polymerization process produces polymers that are insoluble in a reaction mixture that was homogeneous before the polymer began to form. A dispersing agent in the polymerizing system (i.e., the reaction mixture plus the dispersing agent) allows a kinetically stable dispersion of the polymer to be formed in this polymerizing system. Also, an olefin metathesis process allows for the production of polymers, the crosslinked of existing polymers, or the decrosslinking of crosslinked polymers. Both the polymerization and metathesis processes are performed under superatmospheric conditions.

---

Data supplied from the **esp@cenet** database - Worldwide

**EP0770096**

**Title:  
SUPERATMOSPHERIC REACTION**

**Abstract:**

A polymerization process produces polymers that are insoluble in a reaction mixture that was homogeneous before the polymer began to form. A dispersing agent in the polymerizing system (i.e., the reaction mixture plus the dispersing agent) allows a kinetically stable dispersion of the polymer to be formed in this polymerizing system. Also, an olefin metathesis process allows for the production of polymers, the crosslinked of existing polymers, or the decrosslinking of crosslinked polymers. Both the polymerization and metathesis processes are performed under superatmospheric conditions.



Europäisches Patentamt      (11) Veröffentlichungsnummer:  
European Patent Office      (11) Publication number:  
Office européen des brevets (11) Numéro de publication:  
**0 770 096**

Internationale Anmeldung veröffentlicht durch die  
Weltorganisation für geistiges Eigentum unter der Nummer:

**WO 96/01851** (art.158 des EPÜ).

International application published by the World  
Intellectual Property Organisation under number:

**WO 96/01851** (art.158 of the EPC).

Demande internationale publiée par l'Organisation  
Mondiale de la Propriété sous le numéro:

**WO 96/01851** (art.158 de la CBE).